

DELAWARE DEPARTMENT OF TECHNOLOGY & INFORMATION



DTI eSecurity News — Mobile Device Security

On the Go



You may have noticed that many of our recent newsletters focus on mobile devices. That's because so many of us rely on our smart phones more than our laptops for information. We carry our phones everywhere we go and especially as we head off on summer vacations and activities. We sometimes lose sight of how much of our personal information is now stored on our phones.

You may enjoy the convenience of easily accessible features such as single swipe unlock and automatic sign in, but these features are **VERY RISKY**.

The Risks

Mobile malware is on the rise. There was a 58% increase in mobile malware reports between 2011 and 2012.

Popular mobile operating systems like Android and iOS have their vulnerabilities, but the biggest security risk to your cell phone is **YOU**.

Small But Regular Practices

All the little things count. By simply adding an automatic PIN code or pattern lock, you can add another layer of security on your device.

Check and install updates on your phone whenever they are available. Backing up your data is also important, as it can save you a lot of time and trouble if your phone is ever lost or stolen.

Use reputable websites and apps. Make sure that you aren't getting redirected to another site.

SIM PIN Lock

Consider adding a PIN lock on your phone's SIM card. A PIN lock will help protect your SIM card if it is ever inserted into another device; the PIN is stored right on the card.

You will only have to enter your PIN when it requires direct access to it for the first time, such as powering your cell phone on, or turning *Airplane mode* off.

To set up a PIN lock you may be asked to change the current SIM PIN. Each wireless provider (Verizon, AT&T, etc.) has their own default SIM PIN. You will need this before you start.

Setting a PIN lock on your smart phone:

Android: Settings > Security > Set up SIM card lock

iPhone: Settings > Phone > SIM PIN

iPad: Settings > Cellular Data > SIM PIN

Additional Security

Some other things to keep in mind:

- ◆ Keep an eye on your cell phone bill for any unusual charges or premium rate calls.
- ◆ Don't click on any unexpected or suspicious links. Be careful when third party unsigned applications are requesting access to your personal information.

Security tips from staysmartonline.gov.

Questions or comments?

E-mail us at eSecurity@state.de.us

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DELAWARE DEPARTMENT OF TECHNOLOGY & INFORMATION



DTI eSecurity News — Adding a SIM PIN Lock

Securing Your Mobile Phone

IMPORTANT!!

July 2014 eSecurity Newsletter SUPPLEMENT

The July eSecurity Newsletter included a suggestion to add security to your mobile phone by adding both a device password **AND** a PIN lock to the phone's SIM (Subscriber Identity Module) card. Below is additional detail about setting up the security lock on your SIM card.



Every SIM card has a default PIN pre-loaded, and it is **important that you know the default PIN** before you set up your personal PIN lock. Default SIM PINs vary by wireless providers; below are the most common:

- Verizon and AT&T: 1111
- T-Mobile and Sprint: 1234

Note that some older SIM cards require an 8 digit PIN from your wireless provider.

When you add a SIM PIN lock, the **first thing** you will be asked for is the default PIN. If it is not accepted on the first try, **STOP** and contact your wireless provider for guidance. Repeated attempts may lock the SIM card and too many failed attempts will freeze the SIM card permanently and the only solution is to replace the card. If you do get locked out, you have to get a PIN Unlocking Key (PUK) from your wireless provider or your Department's Account Manager if it is a work owned phone.

Why bother?

Your SIM card holds your phone number, security data, billing information, and other important data about your phone. **The extra effort will be worth it.** Adding a SIM PIN lock will help protect your SIM card if it is ever inserted into another device and will reduce the chance of unauthorized access to your data. A SIM PIN lock will prevent people from making unauthorized phone calls. After you turn on SIM security, you'll be prompted to enter your SIM PIN each time you start your phone or when turning off Airplane mode.

Setting a SIM PIN lock on your smart phone:

Android: Settings > Security > Set up SIM card lock

iPhone: Settings > Phone > SIM PIN

iPad: Settings > Cellular Data > SIM PIN

Need more information?

For more information, check your mobile provider websites: [Verizon](#), [AT&T](#), [T-Mobile](#), [Sprint](#).

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Questions or comments?

E-mail us at eSecurity@state.de.us